

?]bXYf!'i bX'i [YbX'i fmg'hY]`Yb'%*")\$\$` ZØf'Dfc'Y_hY'Ui Z

5a %%"\$' "&\$&('ZUbX'X]Y'Ni gUa a Yb_i bZh'XYf'?]bXYf!'i bX

i [YbX'1 fmg'ghUhhži a 'XUg'; YgUa hVi X[Yh'j cb'%*") \$\$ 'ZØf
]\fY'Dfc Y_h]XYYb'ni j YfhY]'Yb"'8]Y'i fmgž'VYghY\YbX'Ui g

JYfhfYhYfb'j cb'Dfc Y_h[fi ddYbž'k i fXYb'[YV]'XYhž'bUWXXYa
g]WX'V]g'ni a '&%"\$\$\&"&\$&('Dfc Y_h[fi ddYb'a]h']\fYb'=XYYb

Ub[Ya Y`XYh'\UhhYb"'8]Y'HY]`bU\a Y'U`g'i fma]h[`]YX'k Uf'Ub

VYgh]a a hY'J cfUi ggYhni b[Yb'[Y_bØdZhžk]Y'n"6"

gY`Vghcf[Ub]g]YfhY'Dfc Y_hY'j cb'a]bXYghYbg'XfY]'DYfgcbYb

V]g'&%'IJ\fYbž'X]Y'XYa '6Yn]f_'ni [i hY_ca a Yb"'8Yf'5bXfUb[

k Uf'X]YgYg'IJ\f'gc'[fc» ž'XUgg'bi f'Y]bY'; fi ddY'dfc

9]bf]WXhi b['ni [Y`UggYb'k YfXYb'_cbbhYž'i a 'Y]bY'ZU]fY

JYfhY]`i b['XYg': OfXYfVYhfU[g'g]WXYfni ghY``Yb"'8]Y

G]hni b[Yb'k i fXYb'j cb': fY]k]``][Yb'XYg'?]bXYf!'i bX

i [YbXVØfcq'GhY[`]hn!NY\`YbXcfZ'[Y`Y]hYh'"8]Y' Ua d∧Y``]d/

5a '&%"\$' "&\$&('ZUbX'X]Y'Ni gUa a Yb_i bZh'XYf'?]bXYf!'i bX

i [YbX1 fmg'ghUhhž'i a 'XUg'; YgUa hVi X[Yh'j cb'%*") \$\$ 'ZØf']\fY

Dfc Y_h]XYYb'ni 'j YfhY]`Yb"'8]Y'i fmgž'VYghY\YbX'Ui g'J YfhfYhYfb

j cb'Dfc Y_h[fi ddYbž'k i fXYb'[YV]`XYhž'bUWXXYa 'g]WX'V]g'ni a

&%"\$&"&\$&('Dfc Y_h[fi ddYb'a]h']\fYb'=XYYb'Ub[Ya Y`XYh'\UhhYb"

8]Y'HY]`bU\a Y'U`g'i fma]h[`]YX'k Uf'Ub'VYgh]a a hY

J cfUi ggYhni b[Yb'[Y_bØdZhž'k]Y'n"6"'gY`Vghcf[Ub]g]YfhY'Dfc Y_hY

j cb'a]bXYghYbg'XfY]'DYfgcbYb'V]g'&%'*J\fYbž'X]Y'XYa '6Yn]f_

ni [i hY_ca a Yb"

8Yf'5bXfUb['k Uf'X]YgYg'\$J\f'gc'[fc» ž'XUgg'bi f'Y]bY'; fi ddY'dfc
9]bf]W\hi b['ni [Y`UggYb'k YfXYb'_cbbhYž'i a 'Y]bY'ZU]fY'J YfhY]`i b[
XYg': OfXYfVYhfU[g'g]W\Yfni ghY``Yb"'8]Y'G]hni b[Yb'k i fXYb'j cb
: fY]k]``][Yb'XYg'?]bXYf!'i bX'\$! [YbXVØfcg'GhY[`]hn!NY\`YbXcfZ
[Y`Y]hYh"'8]Y'; fi ddYb'dfAgYbh]YfhYb']\fY'Dfc'Y_h]XYYb'i bX
YbhgW\]YXYb'[Ya Y]bgUa 'ØVYf'X]Y'J YfhY]`i b['XYg'6i X[Yhg"'8U'X]Y

5bhfà[Y'XUg'6i X[Yh'ØVYfgh]Y[Ybž'a i gghYb'X]Y'; fi ddYb i bhYfY]bUbXYf'Ui g\UbXY`bž'k]Y'X]Y': ÒfXYfi b['j YfhY]`h'k]fX"

K À\fYbX'XYg'5i g\UbX`i b[gdfcnYggYg'nY][hY'g]W\ž'XUgg'j]Y`Y; fi ddYb'VYfY]h'k UfYbž'9]bgdUfi b[Yb'Ub']\fYb'Dfc'Y_hYbjcfni bY\a Yb"'9g'[UV'8]g_i gg]cbYb'ØVYf': U]fbYgg'i bXGc`]XUf]hÀhž']bgVYgcbXYfY'VY]'dfc'Y_hYbž'X]Y'j cb'5fa i hVYhfcZZYbY'A YbgW\Yb'i bhYfghØhnYb'gc``hYb"'9g'YbhghUbX'X]Y8mbUa]_ž'XUgg'; fi ddYb'; Y`X' gdYbXYhYb ž'i a 'UbXYfY'Dfc'Y_hYni 'ZÒfXYfb"

 $6Yn]f_gghUXhfAh]b 7Ufc `]bU 6O\a ``cVhY XUg 9b[U[Ya Ybh XYf $$i[YbX`]WXYb i bX VYhcbhY X]Y UYfUbhk cfhi b[gVYk i gghgY]b $$ib[YfA YbgWXYb]b XYfN]j]`[YgY``gWX UZh" G]Y VYXUb_hY g]WX VY]U``Ybž'X]Y $$iyYb Y]b[YVfUWXh'i bX Ub XYf $$ifm hY]`[Ybca a Yb \UVYb" 8]Y $$i[YbX $$ifm a i gghY gWXk]Yf][Y 9b hgWXY]Xi b[Yb hfYZZYbž'nY][hY `YXcWX Y]b [fc $$Yg $$hYfYggY i bX 9]bgUhn ZØf']\fY Dfc Y_hY"$

9]bY'HUVY``Y'a]h' \pm 0Zcfa Uh]cbYb'ni 'XYb'[YZÒfXYfhYb'Dfc Y_hYbž XYb'VYhY]`][hYb'; fi ddYb'i bX'XYb'Yk Y]`][Yb': ÒfXYfVYhfÀ[Yb__\ObbhY'\]Yf'Y]bYb'h]YZYfYb'9]bV`]W_']b'X]Y'JYfhY]`i b['XYg'6i X[Yhgi bX'X]Y'J]Y`ZU`h'XYf'Dfc Y_hY'V]YhYb''8 Ug'9b[U[Ya Ybh'XYf \$\frac{1}{2}\text{PbX}']W\Yb'nY][h'XYi h']W\Z'XUgg'g]Y'U_h]j'Ub'XYf'; YghU`hi b[\frac{1}{2}\text{Pf'I a [YVi b['hY]`bY\a Yb'i bX'JYfUbhk cfhi b['\@VYfbY\a Yb'k c``Yb'']

Ely``Y.kkk"VYf`]b"XY

8 Y hU]`g

6 Ygi W Yb 'G]Y 'i bg 'Ui Z. 'a Y]b!VYf`]b "bYh